

DISCHARGES TO MUNICIPAL WASTEWATER TREATMENT FACILITIES

PRETREATMENT & TREATMENT AGREEMENT REGULATIONS

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Pretreatment Program Overview

- 40 CFR 403- Pretreatment requirements for POTWs.
- Intent is to allow Municipal POTWs to regulate pollutants discharged from Categorical and Significant Industrial Users at a local level to prevent pass through of those pollutants or interference with the operations of the POTW.

Pretreatment Program

Who's Eligible?

- Municipal POTWs with design flows > 5.0 MGD receiving waste from Industrial Users:
 - Subject to categorical pretreatment standards
 - Discharge pollutants which may pass through or interfere with operation of the POTW
- POTWs <5.0 MGD may choose to develop a Pretreatment Program if the nature and volume of industrial contributions warrant.
- Local Limits are established based on Federal Categorical Pretreatment Standards, Maximum Headwork Loading, sludge disposal, and POTW's effluent limits.
- Local permits issued to Industrial Users by POTW.

Treatment Agreements Overview

- Required for all Significant Industrial Users (SIUs) as defined in IAC 567 Chapter 60
 - Discharge > 25,000 GPD process wastewater;
 - Waste makes up 5% or more of POTW's ADW hydraulic or organic capacity;
 - Subject to Categorical Pretreatment Standards under 40CFR403.6 and 40 CFR Chapter I, Subchapter N; or
 - Otherwise determined by the Department
- Regulates pollutants from SIUs to prevent pass through of those pollutants or interference with the operations of the Wastewater Treatment Facility.

Treatment Agreements Overview

- Treatment Agreement between the Wastewater Treatment Facility and SIU.
- Limits based on Federal Categorical Pretreatment Standards, compatible (organic) and non-compatible (inorganic) waste contribution from SIU, POTW hydraulic and organic design loadings, and effluent limits.
- DNR reviews and verifies that Treatment Agreement Limits are appropriate.
- Treatment Agreement Limits and monitoring requirements are incorporated into the NPDES permit of the facility receiving the waste.



**IOWA DEPARTMENT OF NATURAL RESOURCES
TREATMENT AGREEMENT FORM**

NOTICE

A properly executed Treatment Agreement must be submitted by the industrial user not less than one hundred eighty (180) days before the new significant industrial user proposes to discharge into a wastewater disposal system. Any proposed expansion, production increase, or process modification that may result in any change to a previous Treatment Agreement requires execution of a new Treatment Agreement.

DNR USE ONLY

NPDES NO.

IND. CONT. AGREEMENT NO.

REPLACES AGREEMENT NO.

SIGNIFICANT INDUSTRIAL USER		SYSTEM RECEIVING WASTE	
NAME		NAME	
MAILING ADDRESS		MAILING ADDRESS	
AUTHORIZED REPRESENTATIVE	PHONE NO.	AUTHORIZED REPRESENTATIVE	PHONE NO.

CERTIFICATION OF INDUSTRIAL USER

I am the duly authorized representative for the significant industrial user identified above and state that the proposed discharge to the system receiving waste identified above shall not exceed the quantities listed on page two of this form after:

EFFECTIVE DATE

I further assure that notice of any anticipated increase in pollutants contributed shall be given to the owner of the system identified above sufficiently in advance of such increase to allow this contributor to submit a new treatment agreement to the Department of Natural Resources no later than sixty days in advance of the increase or change.

TYPED OR PRINTED NAME	TITLE	SIGNATURE	DATE
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CERTIFICATION OF SYSTEM RECEIVING WASTE

I am the duly authorized representative for the facility owner named above and state that the owner agrees to accept the discharge described on page two from the contractor identified above, and accepts responsibility for providing treatment of the volume and quantities described on the reverse in accordance with the provisions of Chapter 455B, Code of Iowa, and the rules of the Department of Natural Resources. This agreement is conditioned on the industrial contributor complying with all applicable standards and requirements of the Department of Natural Resources and the United States Environmental Protection Agency. This agreement is entered for the purpose of identifying pollutants contributed and limiting the quantity contributed, and shall not otherwise be construed to affect local ordinances, sewer service agreements or fee systems entered into between the parties.

This agreement may be modified or terminated by the owner of the disposal system if additional pollutants or additional quantities or volumes of pollutants are contributed other than identified on the reverse, or because of any condition that requires either a temporary or permanent reduction or elimination of the accepted contribution.

TYPED OR PRINTED NAME	TITLE	SIGNATURE	DATE
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TREATMENT AGREEMENT FORM

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References

- Iowa DNR Pretreatment Coordinator: Eric Wiklund (515) 725-0313, Eric.Wiklund@dnr.iowa.gov
- Federal Pretreatment Regulations 40 CFR 403
 - http://www.access.gpo.gov/nara/cfr/waisidx_06/40cfr403_06.html
- EPA Pretreatment Website
 - http://cfpub.epa.gov/npdes/home.cfm?program_id=3
- DNR Pretreatment Website
 - <http://www.iowadnr.gov/InsideDNR/RegulatoryWater/NPDESWastewaterPermitting/Pretreatment.aspx>
- Iowa Administrative Code
 - 567 Chapter 60- Definitions Significant Industrial User:
<http://www.legis.state.ia.us/aspx/ACODocs/DOCS/11-2-2011.567.60.pdf>
 - 567 Chapter 64.3(5)- Treatment Agreements:
<http://www.legis.state.ia.us/aspx/ACODocs/DOCS/11-2-2011.567.64.3.pdf>
- DNR Treatment Agreement Website
 - <http://www.iowadnr.gov/InsideDNR/RegulatoryWater/NPDESWastewaterPermitting/NPDESOperatorInformation/TreatmentAgreements.aspx>